Contents

Changes in Indoor Temperatures After Retrofit Based on Electricity Billing and Weather Data
Eric Hirst 1

Energy Modeling with Multiple Objectives and Multiple Actors
Matthijis Kok 21

The LBL Residential Energy Model: An Improved Policy Analysis Tool
James E. McMahon 41

Aggregate Energy and Oil Demand in Less Developed Countries
Wen S. Chern 73

Retrospective Scenario Analysis and Government Energy Planning; Toward an Effective Synergy
David J. Crossley and C. A. Hooker 93

Energy Resources and Coal Production in China
Li Shubao 117

An Analysis of Monthly Sales of Natural Gas to Residential Customers in the United States
John H. Herbert 127

The Evolution of Energy Planning in Liberia
Miedi-Himie Neufville, William F. Barron, and Patricia Koshel 149

Forecasting a State-Specific Demand for Highway Fuels: The Case for Hawaii
PingSun Leung and Mary H. Vesenka 167

New Electric Power Technologies: Cost and Performance in the 1990s
Peter D. Blair 189

Optimal Allocation of Photovoltaic and Conventional Electricity Supplied to a Constant Load
M. Salman, S. Hammoudeh and S. Ayyash 219

Statistical Analysis of Nuclear Plant Lead Times
Charles D. Feinstein and David S. Bauman 237

Dynamics of Energy Savings Due to Conservation Programs
Eric Hirst and Kenneth Keating 257

The Bonneville Power Administration Conservation/ Load/Resource Modeling Process
Bruce Tonn 277

Dollar, Energy and Labor Cost Differentials Leaded vs. Unleaded Gasoline
Stephen Casler, Bruce Hannon and Andrew Pleszkun 311

Projecting Electricity Consumption with an Econometric Model
Ronald J. Sutherland 325

An Examination of the Consumer Decision Process for Residential Energy Use
Terry M. Dinen 345

Cost Reallocation as a State Regulatory Policy Option in Natural Gas Distribution Pricing
Jean-Michel Guldmann 373